

1. A quaternary compound, which conforms to the following structure:

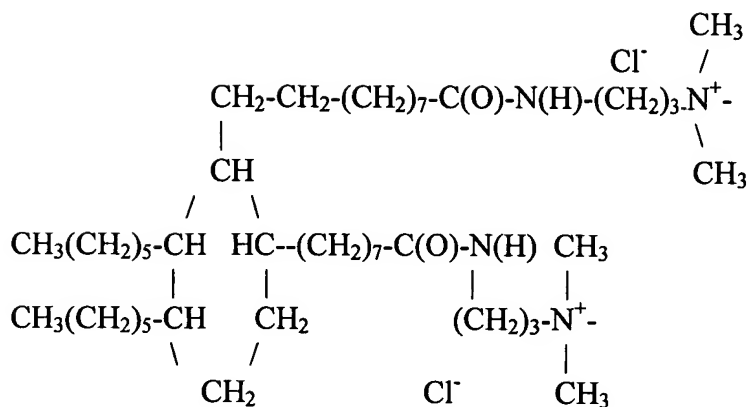

$$\text{R-C(O)-N(H)-(CH}_2\text{)}_3\text{-N}^+\text{-(CH}_3\text{)}_2\text{Cl}^-$$

R is alkyl having between 7 and 27 carbon atoms, and includes linear, branched,, saturated, unsaturated and polyunsaturated;

C is selected from the group consisting of



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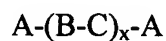


wherein;

x is an integer ranging from 1 to 2000.

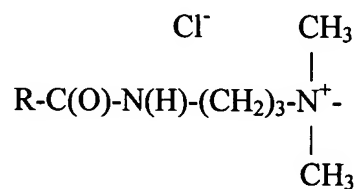
2. A quaternary compound of claim 1 wherein R is $-\text{CH}_3(\text{CH}_2)_6-$.
3. A quaternary compound of claim 1 wherein R is $-\text{CH}_3(\text{CH}_2)_8-$.
4. A quaternary compound of claim 1 wherein R is $-\text{CH}_3(\text{CH}_2)_{10}-$.
5. A quaternary compound of claim 1 wherein R is $-\text{CH}_3(\text{CH}_2)_{12}-$.
6. A quaternary compound of claim 1 wherein R is $-\text{CH}_3(\text{CH}_2)_{14}-$.
7. A quaternary compound of claim 1 wherein R is $-\text{CH}_3(\text{CH}_2)_{16}-$.
8. A quaternary compound of claim 1 wherein R is $-\text{CH}_3(\text{CH}_2)_{18}-$.
9. A quaternary compound of claim 1 wherein R is $-\text{CH}_3(\text{CH}_2)_{20}-$.
10. A quaternary compound of claim 1 wherein R is $-\text{CH}_3(\text{CH}_2)_{22}-$.
11. A quaternary compound of claim 1 wherein R is $-\text{CH}_3(\text{CH}_2)_{24}-$.
12. A quaternary compound of claim 1 wherein R is $-\text{CH}_3(\text{CH}_2)_{26}-$.

13. A process for conditioning hair, which comprises contacting the hair with an effective conditioning concentration of a quaternary compound, which conforms to the following structure:



wherein:

A is

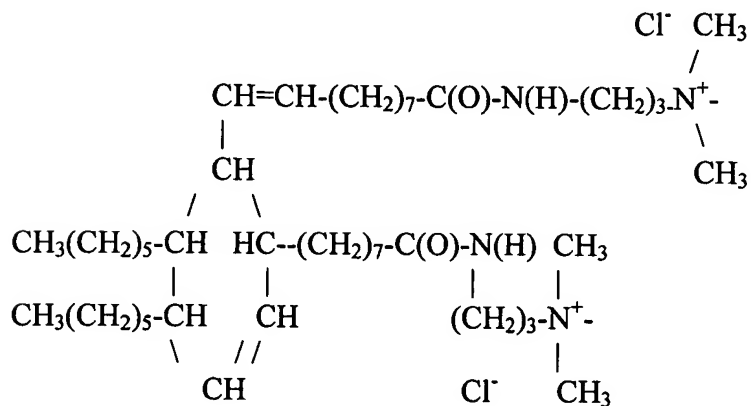


wherein;

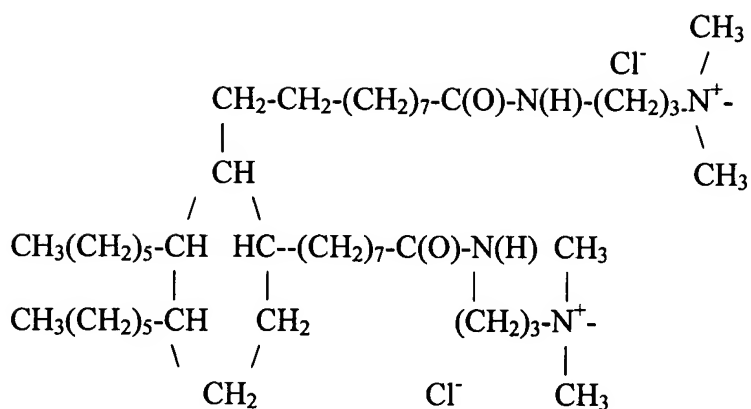
R is alkyl having between 7 and 27 carbon atoms, and includes linear, branched,, saturated, unsaturated and polyunsaturated;

B is $-\text{CH}_2\text{CH}(\text{OH})\text{CH}_2-$

C is selected from the group consisting of:



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wherein;

x is an integer ranging from 1 to 2000.

14. A process of claim 13 wherein said effective conditioning concentration ranges from 1.0% to 25% by weight.
15. A process of claim 13 wherein R is $-\text{CH}_3(\text{CH}_2)_{12}-$.
16. A process of claim 13 wherein R is $-\text{CH}_3(\text{CH}_2)_{14}-$.
17. A process of claim 13 wherein R is $-\text{CH}_3(\text{CH}_2)_{18}-$.
15. A process of claim 14 wherein R is $-\text{CH}_3(\text{CH}_2)_{12}-$.
16. A process of claim 14 wherein R is $-\text{CH}_3(\text{CH}_2)_{14}-$.
17. A process of claim 14 wherein R is $-\text{CH}_3(\text{CH}_2)_{18}-$.